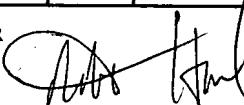
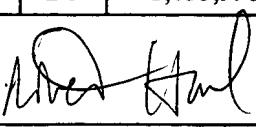


INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		ATTY. DOCKET NO.		SERIAL NO.		
		2003B133E		Not Yet Assigned		
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		FILING DATE		GROUP		
June 16, 2005		Not Yet Assigned				
U.S. PATENT DOCUMENTS						
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RH	AA 2,474,571	06/28/49	Brakeley et al.	260	85.3	
	AB 2,494,585	01/17/50	Saylor, Jr.	260	85.3	
	AC 2,534,698	12/19/50	Calfee et al.	260	85.3	
	AD 2,548,415	04/10/51	Welch et al.	260	85.3	
	AE 2,603,626	07/15/52	Kolfenbach et al.	260	85.3	
	AF 2,607,764	08/19/52	Nelson et al.	260	85.3	
	AG 2,644,809	07/07/53	Saylor Jr.	260	85.3	
	AH 3,269,972	08/30/66	Banks et al.	260	32.2	
	AI 3,331,822	07/18/67	Kometani et al.	260	87.5	
	AJ 3,397,166	08/13/68	Schmidle et al.	260	33.6	
	AK 3,440,219	02/05/65	Wolff et al.	260	63	
	AL 3,470,143	09/30/69	Schrage et al.	260	82.5	
	AM 3,493,530	02/03/70	Sianesi et al.	260	33.2	
	AN 3,528,954	09/15/70	Carlson	260	87.5	
	AO 3,590,025	06/29/71	Tittle	260	92.1	
	AP 3,616,371	10/26/71	Ukihashi et al.	204	159.22	
	AQ 3,642,742	02/15/72	Carlson	260	87.5 A	
	AR 3,787,379	01/22/74	Ferren et al.	260	87.5 A	
	AS 3,919,183	11/11/75	Jager et al.	260	86.1 R	
	AT 3,996,281	12/07/76	Huber-Emden et al.	260	561 N	
	AU 4,042,634	08/16/77	Cope et al.	210	616	
	AV 4,100,225	07/11/78	Mueller	260	878 R	
RH	AW 4,107,417	08/15/78	Priola et al.	526	117	
EXAMINER 			DATE CONSIDERED 9/16/07			

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LM	BA 4,123,602	10/31/78	Ukihashi et al.	526	206	
	BB 4,166,165	08/28/79	Hisasue et al.	526	87	
	BC 4,194,073	03/18/80	McDaniel	526	98	
	BD 4,248,988	02/03/81	Halasa	526	141	
	BE 4,255,546	03/10/81	Süling et al.	526	206	
	BF 4,338,237	07/06/82	Sulzbach et al.	524	777	
	BG 4,381,387	04/26/83	Sulzbach	526	247	
	BH 4,424,324	01/03/84	Throckmorton et al.	526	220	
	BI 4,435,553	03/06/84	Throckmorton et al.	526	201	
	BJ 4,452,960	06/05/84	Throckmorton	526	201	
	BK 4,499,249	02/12/85	Nakagawa et al.	526	206	
	BL 4,501,865	02/26/85	König et al.	526	71	
	BM 4,508,881	04/02/85	Throckmorton	526	201	
	BN 4,535,136	08/13/85	Wheland	526	214	
	BO 4,588,796	05/13/86	Wheland	526	214	
	BP 4,626,608	12/02/86	Scherer, Jr. et al.	570	134	
	BQ 4,714,747	12/22/87	Bruzzone et al.	526	64	
	BR 4,736,004	04/05/88	Scherer, Jr. et al.	526	206	
	BS 4,900,777	02/13/90	Ball et al.	524	819	
	BT 4,946,936	08/07/90	Moggi et al.	528	392	
	BU 4,948,844	08/14/90	Nakahara et al.	525	356	
	BV 4,950,724	08/21/90	Malanga et al.	526	144	
	BW 5,032,656	07/16/91	Mares et al.	526	255	
	BX 5,105,047	04/14/92	Waller	585	515	
LM	BY 5,135,998	08/04/92	Mares et al.	526	206	
EXAMINER 			DATE CONSIDERED 9/26/07			
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PL	CA 5,162,445	11/10/92	Powers et al.	525	333.4		
	CB 5,182,342	01/26/93	Feiring et al.	526	206		
	CC 5,281,680	01/25/94	Grot	526	243		
	CD 5,310,870	05/10/94	Peavy	528	392		
	CE 5,417,930	05/23/95	McDonald, Jr. et al.	422	131		
	CF 5,448,001	09/05/95	Baird	526	134		
	CG 5,459,212	10/17/95	Krespan et al.	526	89		
	CH 5,478,905	12/26/95	Anolick et al.	526	254		
	CI 5,494,984	02/27/96	Funaki et al.	526	206		
	CJ 5,527,870	06/18/96	Maeda et al.	526	348.7		
	CK 5,552,500	09/03/96	Peavy	526	206		
	CL 5,608,002	03/04/97	Kubo et al.	524	795		
	CM 5,618,894	04/08/97	DeSimone et al.	526	89		
	CN 5,624,878	04/29/97	Devore et al.	502	152		
	CO 5,637,663	06/10/97	Anolick et al.	526	254		
	CP 5,650,483	07/22/97	Malik et al.	528	402		
	CQ 5,654,450	08/05/97	Malik et al.	549	511		
	CR 5,663,251	09/02/97	Kato et al.	526	206		
	CS 5,663,255	09/02/97	Anolick et al.	526	254		
	CT 5,665,838	09/09/97	Peavy	526	255		
	CU 5,668,250	09/16/97	Malik	528	402		
	CV 5,668,251	09/16/97	Malik et al.	528	402		
	CW 5,674,957	10/07/97	DeSimone et al.	526	89		
	CX 5,688,838	11/18/97	Abusleme et al.	522	33		
PL	CY 5,703,194	12/30/97	Malik et al.	528	70		
EXAMINER <i>Albert Farn</i>				DATE CONSIDERED <i>9/26/07</i>			
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RH	DA 5,728,783	03/17/98	Falchi et al.	526	124.2		
	DB 5,780,565	07/14/98	Clough et al.	526	206		
	DC 5,789,504	08/04/98	Ihara et al.	526	206		
	DD 5,807,977	09/15/98	Malik et al.	528	402		
	DE 5,821,311	10/13/98	Mosbach et al.	526	201		
	DF 5,872,198	02/16/99	Mosbach et al.	526	221		
	DG 5,939,501	08/17/99	DeSimone et al.	526	89		
	DH 5,939,502	08/17/99	DeSimone et al.	526	89		
	DI 5,959,050	09/28/99	Mosbach et al.	526	201		
	DJ 5,981,673	11/09/99	DeSimone et al.	526	89		
	DK 5,990,251	11/23/99	Gelus	526	125.7		
	DL 6,037,483	03/14/00	Malik et al.	549	511		
	DM 6,107,423	08/22/00	Wheland et al.	526	249		
	DN 6,111,062	08/29/00	Shirota et al.	528	402		
	DO 6,133,389	10/17/00	Anolick et al.	526	206		
	DP 6,225,367	05/01/01	Chaouk et al.	521	149		
	DQ 6,228,963	05/08/01	Wheland et al.	526	247		
	DR 6,303,715	10/16/01	Kim et al.	526	128		
	DS 6,306,989	10/23/01	Bloom et al.	526	200		
	DT 6,335,408	01/01/02	Russo et al.	526	253		
	DU 6,337,373	01/08/02	Formaro et al.	525	193		
	DV 6,346,587	02/12/02	Krüger et al.	526	206		
	DW 6,372,838	04/16/02	Rao et al.	524	462		
	DX 6,380,351	04/30/02	Malik et al.	528	402		
RH	DY 6,399,729	06/04/02	Farnham et al.	526	255		
EXAMINER <i>Robert Farn</i>				DATE CONSIDERED <i>9/26/07</i>			

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INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		ATTY. DOCKET NO.	SERIAL NO.
		2003B133E	Not Yet Assigned
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		McDonald et al.	
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PH	EA 6,403,539	06/11/02	Marchionni et al.	508	406		
	EB 6,417,314	07/09/02	Malik et al.	528	60		
	EC 6,423,798	07/23/02	Wheland et al.	526	206		
	ED 6,444,768	09/03/02	Webb et al.	526	237		
	EE 6,448,368	09/10/02	Malik et al.	528	402		
	EF 6,455,650	09/24/02	Lipian et al.	526	171		
	EG 6,469,116	10/22/02	Maccone et al.	526	247		
	EH 6,469,185	10/22/02	Russo et al.	549	455		
	EI 6,486,280	11/26/02	Anolick et al.	526	243		
	EJ 2001/0012880	08/09/01	Wheland et al.	526	249		
	EK 2001/0018144	08/30/01	Watakabe et al.	429	33		
	EL 2002/0002219	01/03/02	Bloom et al.	524	11		
	EM 2002/0028884	03/07/02	Formaro et al.	525	193		
	EN 2002/0032291	03/14/02	Farnham et al.	526	227		
	EO 2002/0052454	05/02/02	Lipian et al.	526	171		
	EP 2002/0055580	05/09/02	Lorah et al.	524	445		
	EQ 2002/0055581	05/09/02	Lorah et al.	524	445		
	ER 2002/0055599	05/09/02	Slone	526	286		
	ES 2002/0065383	05/30/02	Maccone et al.	526	247		
	ET 2002/0086908	07/04/02	Chou et al.	516	98		
	EU 2002/0132910	09/19/02	Rao et al.	524	544		
	EV 2002/0151664	10/17/02	Farnham et al.	526	247		
	EW 2002/0183457	12/05/02	Hintzer et al.	525	326.2		
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PH	EY 2003/0023013	01/30/03	Lipian et al.	526	171		

EXAMINER

Robert Hurl

DATE CONSIDERED

9/26/07

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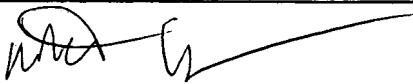
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	FB EP0076511	04/13/83	Europe	C08F	14/06	✓
	FC EP0271243	06/15/88	Europe	C08F	214/26	
	FD RU 2097122 C1	11/27/97	Russia	B01J	19/18	✓
	FE RU 2209213 C1	07/27/03	Russia	C08F	210/12	✓
	FF SU 1627243 A1	02/15/91		B01J	19/18	✓
	FG WO93/21241	10/28/93	PCT	C08F	210/12	
	FH WO94/17109	08/04/94	PCT	C08F	14/18	✓
	FI WO96/24625	08/15/96	PCT	C08F	214/26	
	FJ WO99/50209	10/07/99	PCT	C07C	23/08	✓
	FK WO00/04061	01/27/00	PCT	C08F	10/10	
	FL WO00/47641	08/17/00	PCT	C08F	14/18	✓
	FM WO00/53682	09/14/00	PCT	C09D	4/00	
	FN WO01/49757	07/12/01	PCT	C08F	214/44	✓
	FO WO01/49758	07/12/01	PCT	C08F	214/22	✓
	FP WO01/49760	07/12/01	PCT	C08F	214/28	✓
	FQ WO02/051875	07/04/02	PCT	C08F	2/06	✓
	FR WO02/096964	12/05/02	PCT	C08F	10/10	✓
	FS WO02/34794	05/02/02	PCT	C08F	2/00	
	FT WO2004058825	07/15/04	PCT (2004B133D)	C08F		
	FU WO2004058827	07/15/04	PCT (2004B133A)	C08F	2/06	
RH	FV WO2004058828	07/15/04	PCT (2004B133)	C08F	4/12	
EXAMINER <i>Robert Hurl</i>				DATE CONSIDERED <i>9/26/07</i>		
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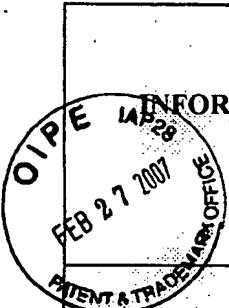
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				McDonald et al.		
				FILING DATE	GROUP	
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FOREIGN PATENT DOCUMENTS						
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W1	GA WO2004058829	07/15/04	PCT (2004B133F)	C08F	4/44	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
	GB WO2004058835	07/15/04	PCT (2004B133B)	C08F	236/02	
	GC WO2004058836	07/15/04	PCT (2004B133C)	C08F	236/02	
M1	GD WO2004067577	07/15/04	PCT (2004B133E)	C08F		
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)						
M1	GE	USSN: 11/010,092, filed December 10, 2004, entitled "Polymers with New Sequence Distributions" (2003B133C/2)				
	GF	USSN: 11/009,660, filed December 10, 2004, entitled "Halogenated Polymers with New Sequence Distributions" (2003B133C/3)				
	GG	Industrial and Engineering Chemistry, January, 1949, 41, pages 135-136, "Emulsion Polymerizations at Low Temperatures. Isobutylene and Isobutylene-Butadiene Mixtures", G. B. Bachman et al., Purdue University				
	GH	W. A. Thaler et al., entitled "High-Molecular-Weight, High-Unsaturation Copolymers of Isobutylene and Conjugated Dienes", 49(4) Rubber Chemistry & Technology, 960-966 (1976)				
	GI	Organic Chemistry, SIXTH EDITION, Morrison and Boyd, Prentice-Hall, entitled "Ionic Polymerization. Living Polymers", pages 1084-1085 (Englewood Cliffs, New Jersey 1992)				
	GJ	H. C. Wang et al., Elastomerics, entitled "Functionalized PMS/IB Copolymers Offer Wide Range of Properties", 1992, Atlanta, GA.				
	GK	Gyor et al., J. Macromol. Sci.-Pure Appl. Chem. A31(12), entitled "Polyisobutylene-Based Thermoplastic Elastomers. I. Synthesis and Characterization of Polystyrene-Polyisobutylene-Polystyrene Triblock Copolymers, pages 2055-2065, Massachusetts, 1994.				
	GL	I. Orszagh et al., J. Phys. Org. Chem., Vol. 8, entitled "Living Carbocationic Copolymerizations. I. Synthesis and Characterization of Isobutylene/p-Methylstyrene Copolymers", Ohio, pages 258-272, 1995.				
	GM	Chemical Microstructure of Polymer Chains, J.L. Koenig, Wiley-Interscience, entitled "Determination of Structure-Property Relations in Polymers", New York, 1980, pages 1-8				
	GN	Polymer Sequence Determination: Carbon-13 NMR Method, entitled "A Survey of Carbon-13 NMR Studies of Vinyl Homopolymers and Copolymers" J.C. Randall, Academic Press, 1977, New York, pages 103-146				
	GO	Cationic Polymerization of Olefins: A Critical Inventory, J. P. Kennedy, Wiley-Interscience, New York, 1975 pages 10-13 "Cationic Polymerizations: Past, Present, and Future" and pages 86-137 "The Organization of Cationically Polymerizable Olefins".				
M1	GP	Carbocationic Polymerization, J.P. Kennedy, E. Marechal, Wiley-Interscience, New York, 1982, pages 318-319				
EXAMINER				DATE CONSIDERED		
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HI						
HJ						
HK						
HL						
HM						
HN						
HO						
HP						
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)						
WT	HQ	Abstract for DE10061727, June 13, 2002 entitled "Manufacture of Polyisobutenes with High Content of Unsaturated End Groups", 2 pages.				
	HR	Abstract for EP76511, April 13, 1983, entitled "Aqueous Copolymer Dispersions and Their Use", 3 pages.				
	HS	Derwent- Abstract for RU 2097122 C1, Dobrovinskii et al., November 27, 1997, 3 pages.				
	HT	Abstract for RU2209213, July 27, 2003, entitled "Production of Butyl Rubber with Separation of Reaction Mixture in a Hydrocyclone and In-Process Recycling", Dobrovinskii et al., 2 pgs.				
WT	HU	Derwent Abstract for SU 1627243 A, Khismatull et al., February 15, 1991.				
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2003B133E	10/539,013
APPLICANT	
McDonald et al.	
FILING DATE	GROUP
June 16, 2005	1713

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME			
RH	2006/0100398	05/11/2006	Shaffer et al.			
	2006/084770	4/20/06	Milner et al.			
	2006/0094847	05/04/2006	Milner et al.			
	2006/0100409	05/11/2006	Shaffer, et al.			
	2005/0107536	05/19/2005	Shaffer, et al.			
	2005/0101751	05/12/2005	Shaffer, et al.			
	2006/0079655	04/13/2006	Chung et al.			
RH	2006/0111522	05/26/2006	McDonald Et al			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBL DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
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RH	713883	05/29/1996	EP			
RM	713853	05/29/1996	EP			

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

RM	Krzysztof Matyjaszewski, Cationic Polymerization (1996)
	Corno, et al., Cationic Copolymers of Isobutylene. 2. Nuclear Magnetic Resonance Investigation of the Structure of Isobutylene-Isoprene Copolymers Macromolecules, 13, p. 1092-1099 (1980)
	White, et al., Incorporation of Isoprene in Isobutylene/Isoprene Copolymers: NMR Identification of Branching in Butyl Rubber, Macromolecules, 28 p. 3290-330, (1995)
RM	Bovey, et al., Chain Structure and Conformation of Macromolecules, Academic Press, NY p. 127 (1982)

EXAMINER	DATE CONSIDERED
<i>Wolfgang Hartl</i>	9/26/07

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